

## Components for BZC8050 Control Stations BD8060 Series Indicators



Explosion protection to

- CENELEC
- IEC
- NEC

Can be used in

- Zone 1 and Zone 2
- Zone 21 and Zone 22
- Class I, Zone 1 and Zone 2

Class I, Division 2, Groups A, B, C, D

Available in

- red
- green
- yellow
- blue
- white

Two mounting types

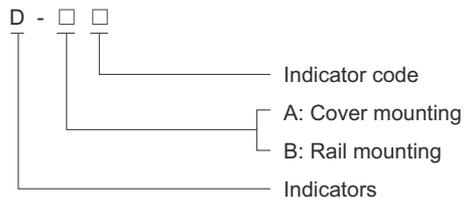
- cover mounting
- rail mounting

Two-wire interface, can be paralleled, the maximum wire diameter is 2.5mm<sup>2</sup>.

High power, high brightness, even and harmonious.

### Catalogue number logic

BD8060(D for short)



# Zones 1&2; 21&22

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Selection table							
Version	Voltage	Schematic diagram	Colour	Code	Ordering code	Weight (kg)	
 <p>A: Cover mounting</p>	Rated voltage: AC 220V...AC 440V Voltage range: -10%...+6% Frequency: 50Hz...60Hz		Red	Ra	40099C/40099D	0.05	
			Green	Ga	40100C/40100D		
			Yellow	Ya	40101C/40101D		
			Blue	Ba	40166C/40166D		
			White	Wa	40102C/40102D		
	 <p>B: Rail mounting</p>	Rated voltage: AC/DC 48V...125V Voltage range: -10%...+6% Frequency: 0Hz...60Hz		Red	Rb	40103C/40103D	0.05
				Green	Gb	40104C/40104D	
				Yellow	Yb	40105C/40105D	
				Blue	Bb	40167C/40167D	
				White	Wb	40106C/40106D	
	 <p>B: Rail mounting</p>	Rated voltage: AC/DC 12V...36V Voltage range: -10%...+6% Frequency: 0Hz...60Hz		Red	Rc	40107C/40107D	0.05
				Green	Gc	40108C/40108D	
Yellow				Yc	40109C/40109D		
Blue				Bc	40168C/40168D		
 <p>B: Rail mounting</p>		Rated voltage: DC 220V~250V Voltage range: -10%...+6%		Red	Rd	40111C/40111D	0.05
				Green	Gd	40112C/40113D	
				Yellow	Yd	40113C/40113D	
				Blue	Bd	40169C/40169D	
 <p>A: Cover mounting</p>			Red	a	40115A	0.05	
			Green	b	40116A		
			Yellow	c	40117A		
			White	d	40118A		
			Blue	e	40170A		
 <p>B: Rail mounting</p>			Red	a	40115B	0.05	
			Green	b	40116B		
			Yellow	c	40117B		
			White	d	40118B		
			Blue	e	40170B		

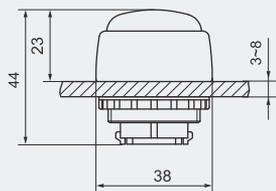


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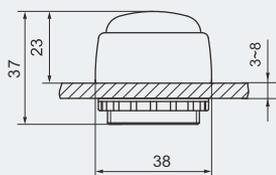
### BD8060 Series Indicators

Technical data	
<b>Indicators</b>	<b>BD8060</b>
<b>Explosion protection</b>	
Global (IECEX)	IECEX CQM 24.0019U
Gas	Ex db eb IIC Gb
Europe (ATEX)	CML 24 ATEX 1227U
Gas	⊕ II 2 G Ex db eb IIC Gb
<b>Certificates</b>	IECEX; ATEX
<b>Conformity to standards</b>	EN 60079-0, EN 60079-1, EN 60079-7 IEC 60079-0, IEC 60079-1, IEC 60079-7
<b>Rated voltage</b>	AC/DC12V~36V, AC/DC48V~125V, DC220V~250V, AC220V~440V
<b>Rated current</b>	Max.15mA
<b>Frequency</b>	0Hz...60Hz
<b>Rated output wattage</b>	Max.3W
<b>Service life</b>	10 <sup>5</sup> hours
<b>Ambient temperature</b>	-60 ~+90
<b>Colour</b>	Red, green, yellow, blue, white
<b>Lamp</b>	LED
<b>Enclosure material</b>	Polyamide (PA66)
<b>Terminal</b>	Suitable for 2.5mm <sup>2</sup> cable
<b>Indicator cover material</b>	PC

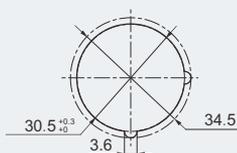
#### Dimension drawings (all dimensions in mm) - subject to alteration



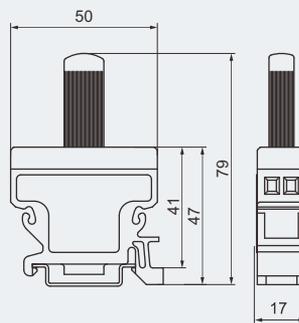
A: Cover mounting



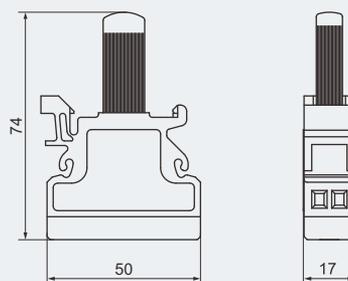
B: Rail mounting  
Indicator cover



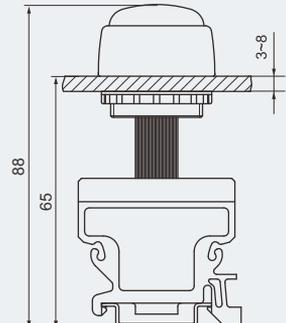
Mounting hole



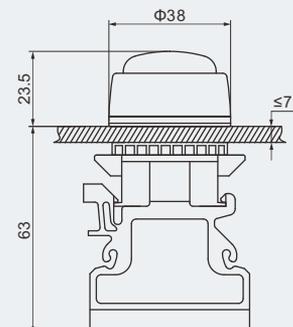
Indicator  
(rail mounting)



Indicator  
(cover mounting)



Rail mounting



Cover mounting